

TIP Project No. U-5302 : U.S. 401 / Fayetteville Road, Town of Garner

PROJECT DESCRIPTION

The N.C. Department of Transportation is proposing to convert 1.2 miles of U.S. 401 from south of Old Stage Road (S.R. 1006) to south of Mechanical Boulevard (S.R. 1006) into a superstreet. The improved facility will have six lanes, median divider, and turning lanes at intersections as needed.

Traffic Projections (Year 2040) 		Desired Level of Service 	
North of Old Stage Road	South of Old Stage Road	At signalized intersections	At unsignalized intersections
2015: 45,000 vehicles per day	2015: 35,000 vehicles per day	Under 55 seconds	Under 35 seconds
2040: 60,000 vehicles per day	2040: 45,000 vehicles per day		

WHY IS THE PROJECT NEEDED?

By 2020, the NCDOT forecasts 48,000 vehicles per day traveling on U.S. 401/ Fayetteville Road in Garner between Purser/Pinewinds Drive and Legend Road. Without any road improvement, the volume of traffic will result in greater delays.

Based on current vehicle collisions and a forecasted increase in traffic associated with economic growth in this area, the project is necessary to maintain a Level of Service to under 55 seconds of delay at Signalized Intersections and under 35 seconds at Unsignalized Intersections.

WHAT IS A SUPERSTREET?

While main street travelers continue to turn left or right or travel straight through, side street travelers who wish to cross or turn left must first turn right and then make a U-turn on the main street to return to their desired route.

Benefits of a new superstreet on U.S. 401 include:

- * reduced number of vehicle collisions,
- * fewer hours spent in traffic congestion, and
- * continued growth in economic activity for businesses along the corridor.

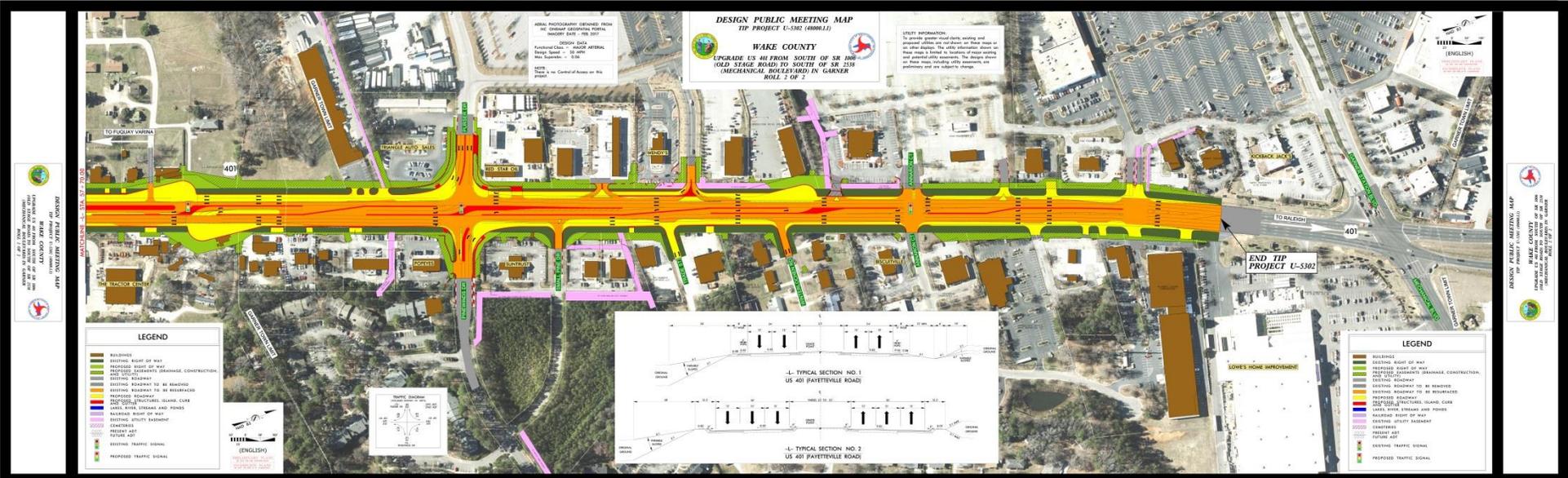
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PROJECT HOTLINE
Linea Gratuita del Proyecto
1.800.233.6315 (English/Española)
www.ncdot.gov/news/public-meetings



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PROJECT SCHEDULE

Environmental Documentation	Summer 2018
Right-of-Way Acquisition Begins	Spring 2019
Construction Begins	Summer 2020

COST ESTIMATES

Construction	\$13,200,000
Right-of-Way Acquisition	\$ 850,000